

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU U-21-8-17			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT MONUMENT BUTTE			
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)			
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825			
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-76241			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	676 FNL 1301 FWL	NWNW	27	8.0 S	17.0 E	S
Top of Uppermost Producing Zone	149 FNL 454 FWL	NWNW	27	8.0 S	17.0 E	S
At Total Depth	312 FSL 244 FEL	SESE	21	8.0 S	17.0 E	S

21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 244		23. NUMBER OF ACRES IN DRILLING UNIT 20	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 768		26. PROPOSED DEPTH MD: 6672 TVD: 6365	
27. ELEVATION - GROUND LEVEL 5190		28. BOND NUMBER WYB000493		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 6672	15.5	J-55 LT&C	8.3	Premium Lite High Strength	323	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Heather Calder	TITLE Production Technician	PHONE 435 646-4936
SIGNATURE	DATE 08/22/2013	EMAIL hcalder@newfield.com
API NUMBER ASSIGNED 43013524030000	APPROVAL <div style="text-align: center;"> Permit Manager </div>	

NEWFIELD PRODUCTION COMPANY
GMBU U-21-8-17
AT SURFACE: NW/NW SECTION 27, T8S R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 4,175'
Green River	4,175'
Wasatch	6,680'
Proposed TD	6,672'(MD) 5,190' (TVD)

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 4,175' – 6,680'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: GMBU U-21-8-17**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,672'	15.5	J-55	LTC	4,810 2.27	4,040 1.90	217,000 2.10

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: GMBU U-21-8-17**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,672'	Prem Lite II w/ 10% gel + 3% KCl	323 1052	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

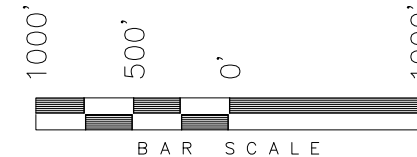
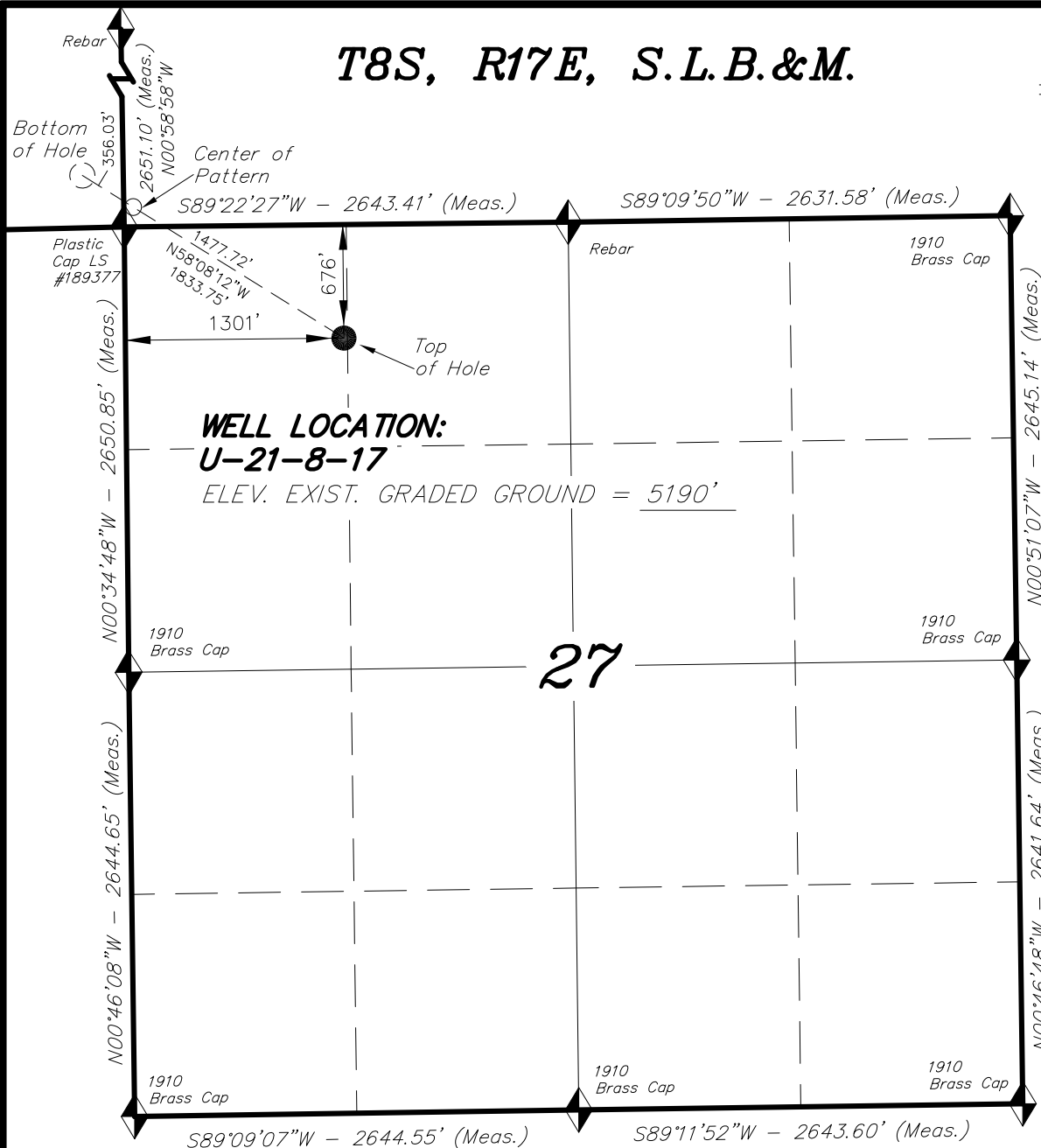
bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2014, and take approximately seven (7) days from spud to rig release.

T8S, R17E, S.L.B.&M.**NEWFIELD EXPLORATION COMPANY**

WELL LOCATION, U-21-8-17, LOCATED
AS SHOWN IN THE NW 1/4 NW 1/4 OF
SECTION 27, T8S, R17E, S.L.B.&M.
DUCESNE COUNTY, UTAH.

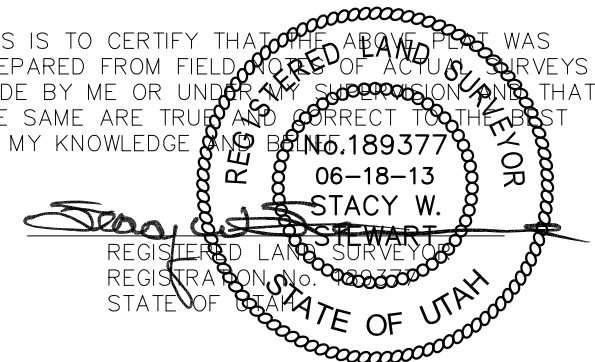
**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Center of Pattern footages are 118' FSL & 55' FWL, Section 22, T8S, R17E, S.L.B.&M..



= SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD BOOKS OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.



BASIS OF ELEV; Elevations are based on
an N.G.S. OPUS Correction. LOCATION:
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°05'39.68"
LONGITUDE = 109°59'50.53"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°05'39.82"
LONGITUDE = 109°59'47.99"

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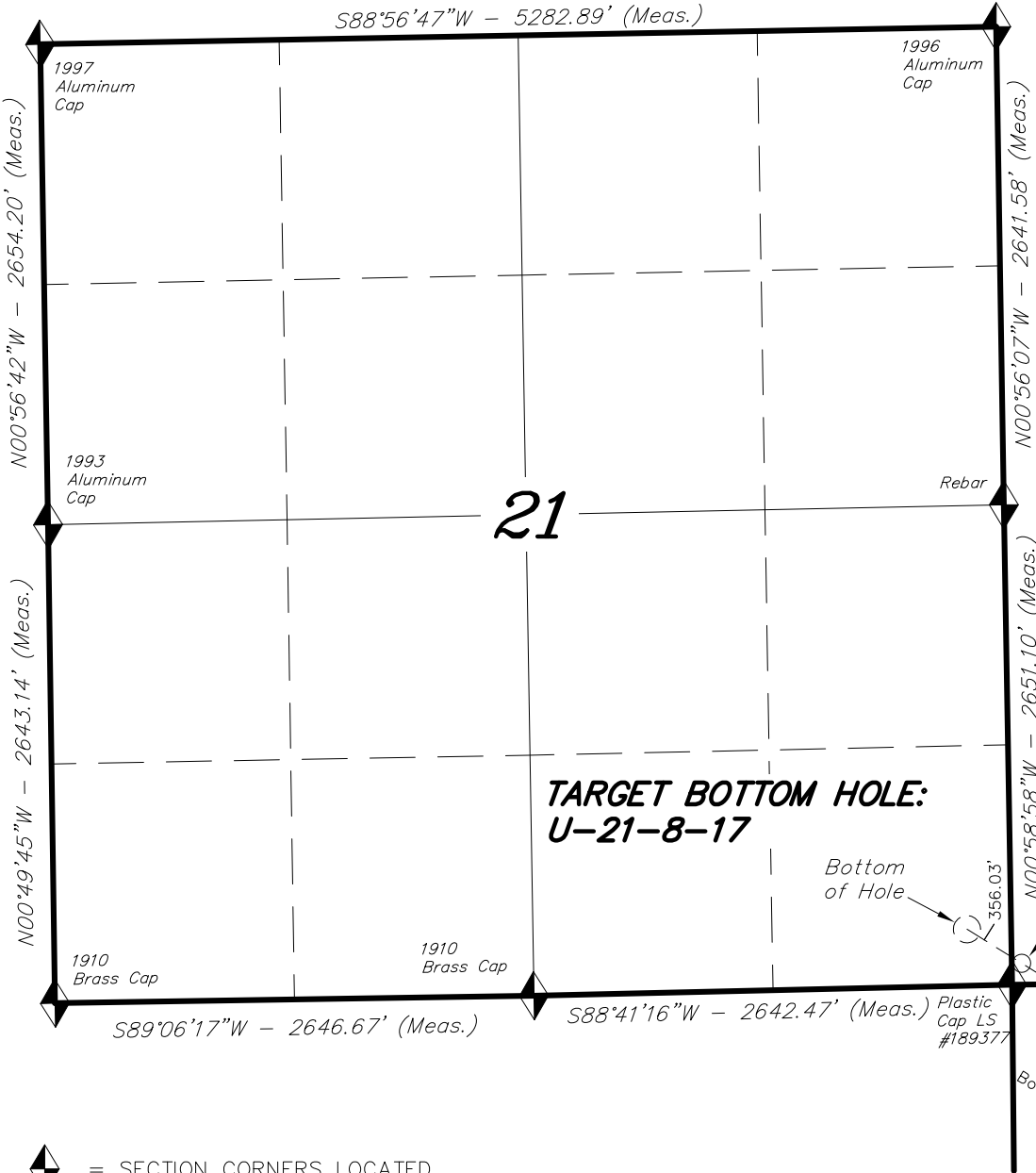
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-22-13	SURVEYED BY: Q.M.	VERSION:
DATE DRAWN: 06-18-13	DRAWN BY: L.K.	V2
REVISED:	SCALE: 1" = 1000'	

RECEIVED: August 22, 2013

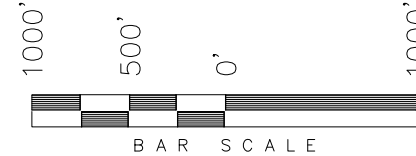
T8S, R17E, S.L.B.&M.

S88°56'47"W - 5282.89' (Meas.)



NEWFIELD EXPLORATION COMPANY

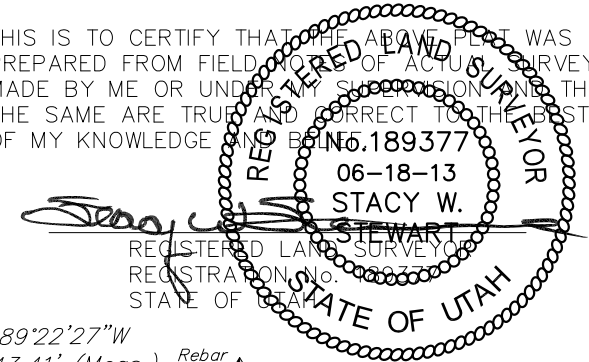
TARGET BOTTOM HOLE, U-21-8-17,
LOCATED AS SHOWN IN THE SE 1/4
SE 1/4 OF SECTION 21, T8S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Center of Pattern footages are 118' FSL & 55' FWL, Section 22, T8S, R17E, S.L.B.&M..
4. The Bottom of Hole footages are 312' FSL & 244' FEL.

THIS IS TO CERTIFY THAT THE ABOVE PLOT WAS
PREPARED FROM FIELD BOOKS OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on
an N.G.S. OPUS Correction. LOCATION:
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°05'47.59"	LATITUDE = 40°05'49.50"
LONGITUDE = 110°00'06.50"	LONGITUDE = 110°00'10.35"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°05'47.73"	LATITUDE = 40°05'49.64"
LONGITUDE = 110°00'03.97"	LONGITUDE = 110°00'07.82"

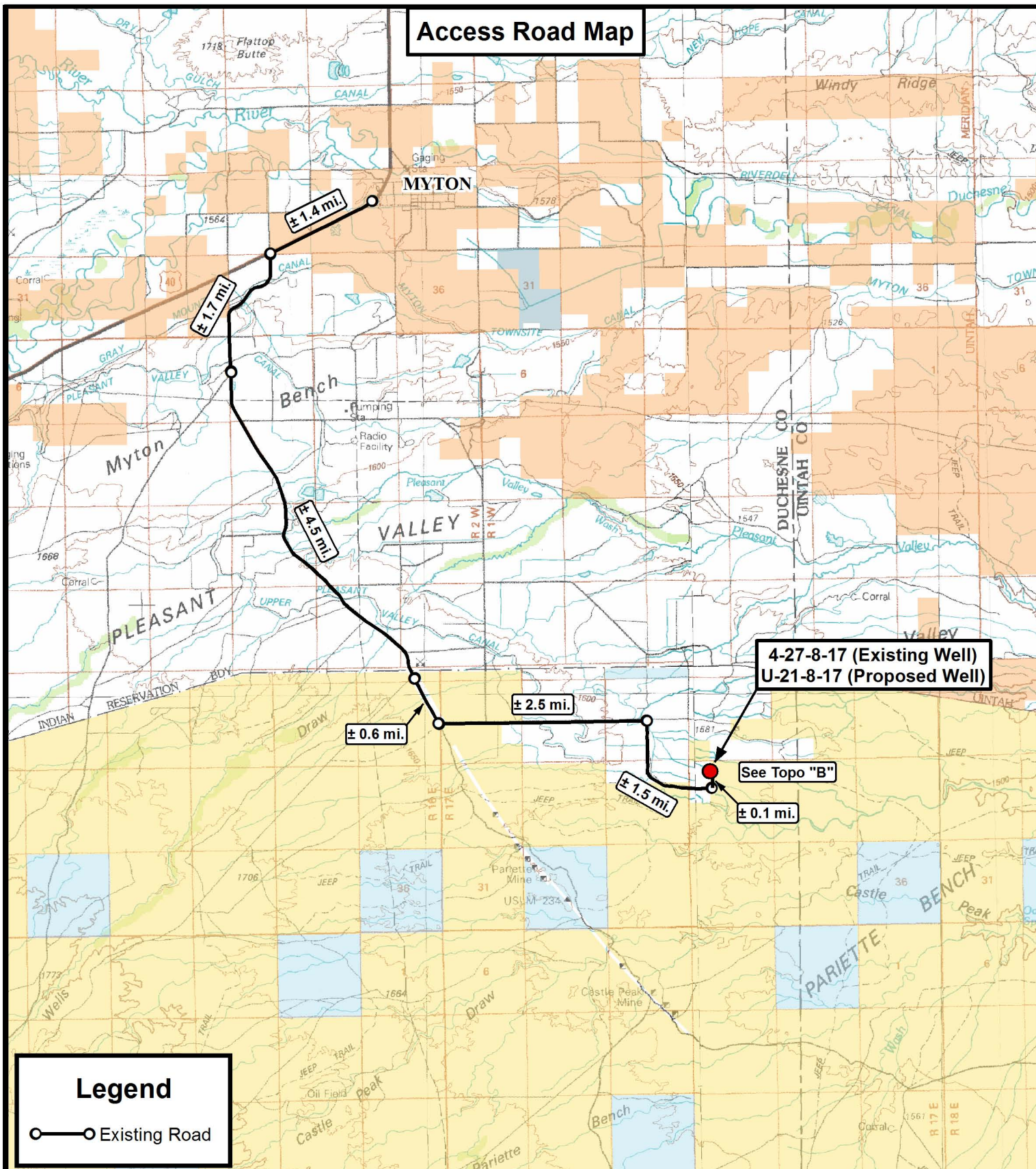
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Access Road Map



Legend

○—○ Existing Road



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**NEWFIELD EXPLORATION COMPANY**

4-27-8-17 (Existing Well)
U-21-8-17 (Proposed Well)
Sec. 27, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

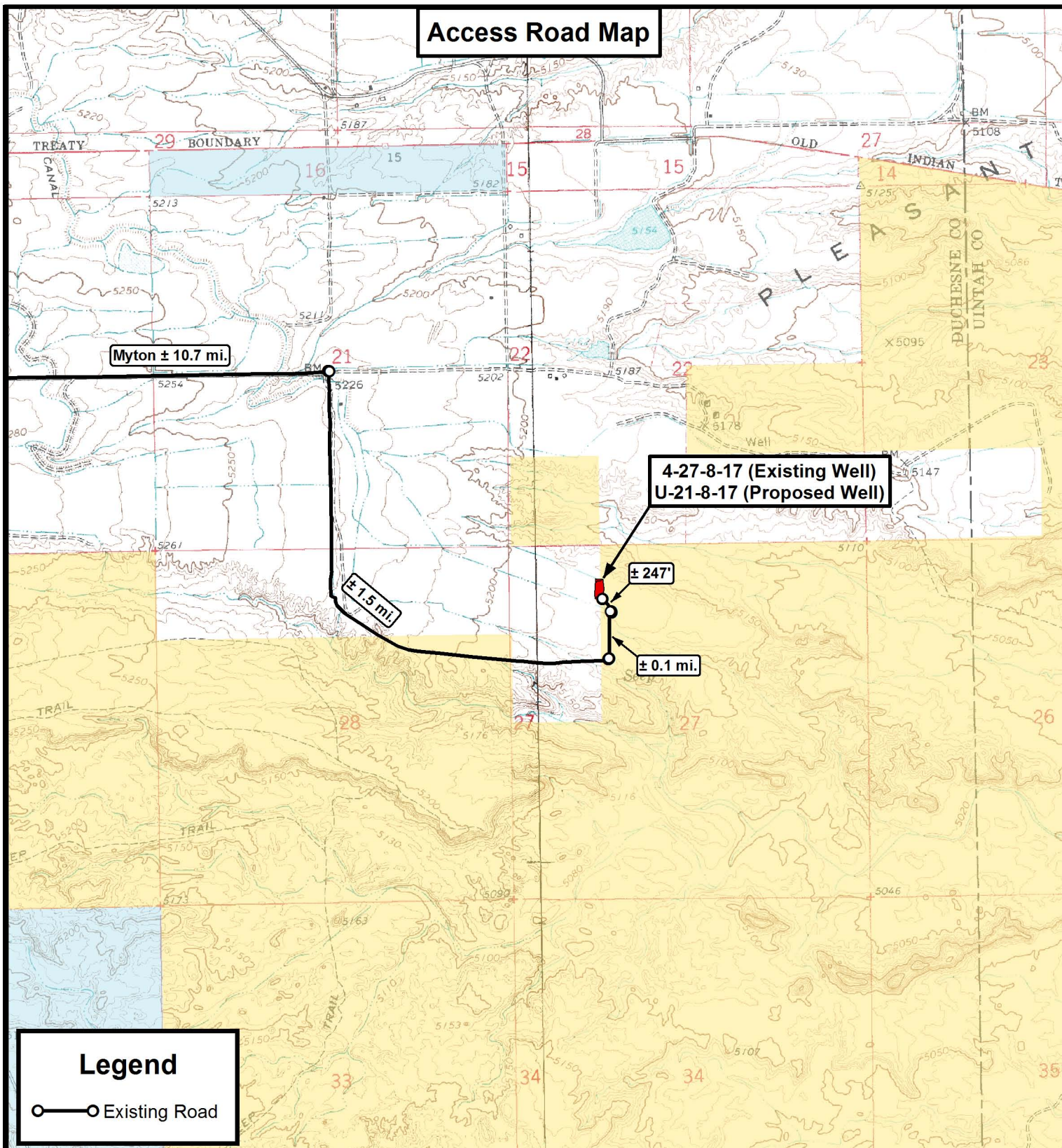
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	06-18-2013		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET

A

Access Road Map



Legend

○ — ○ Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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**NEWFIELD EXPLORATION COMPANY**

4-27-8-17 (Existing Well)
U-21-8-17 (Proposed Well)
Sec. 27, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

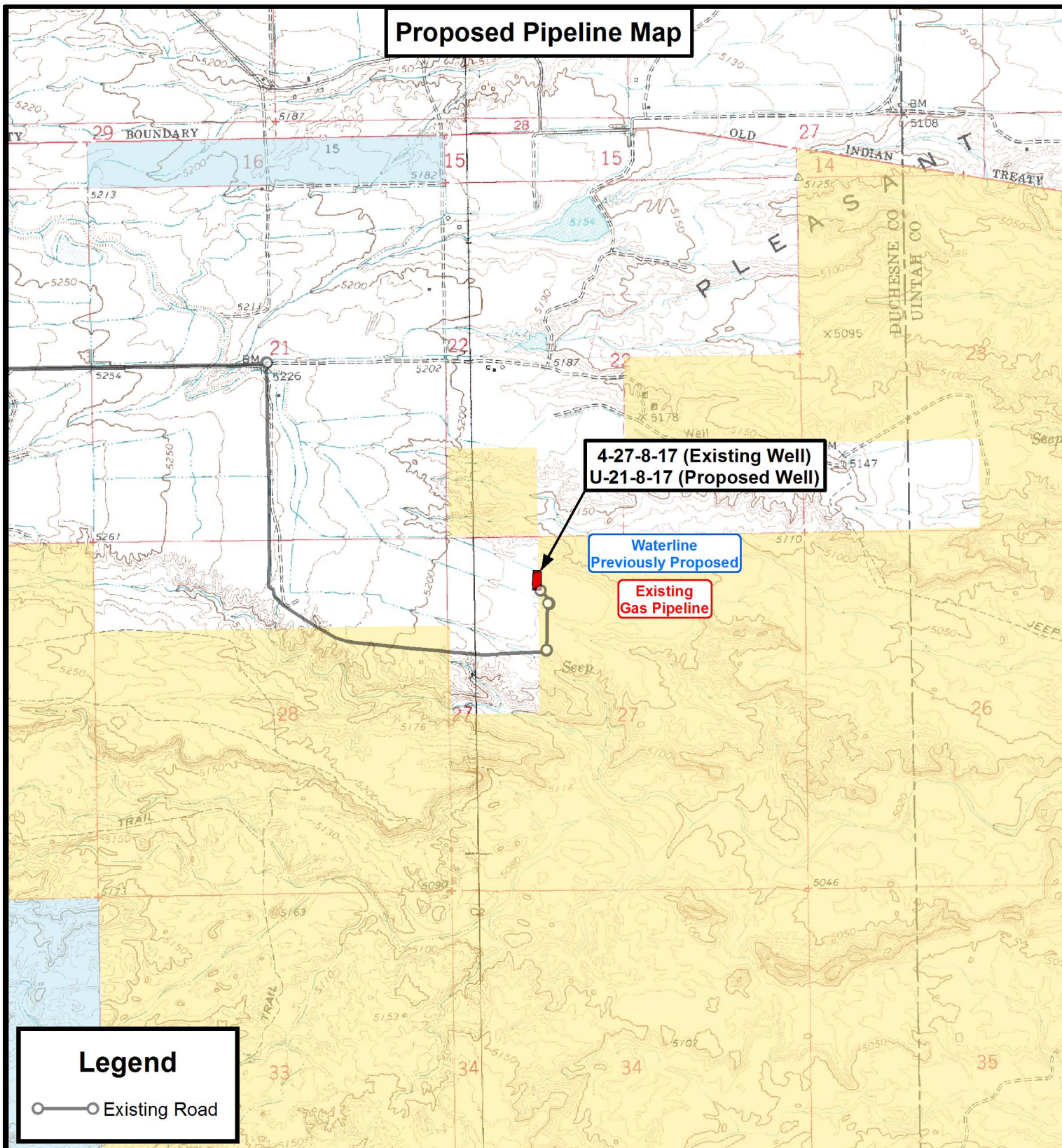
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DATE:	06-18-2013		V2
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

B

Proposed Pipeline Map



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NEWFIELD EXPLORATION COMPANY

4-27-8-17 (Existing Well)
U-21-8-17 (Proposed Well)
Sec. 27, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

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DATE:	06-18-2013		V2
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

C

Exhibit "B" Map

4-27-8-17 (Existing Well)
U-21-8-17 (Proposed Well)

Legend

- 1 Mile Radius
● Pad Location

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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**NEWFIELD EXPLORATION COMPANY**

4-27-8-17 (Existing Well)
U-21-8-17 (Proposed Well)
Sec. 27, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

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DATE:	06-18-2013		V2
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

D

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
4-27-8-17	Surface Hole	40° 05' 39.84" N	109° 59' 50.70" W
U-21-8-17	Surface Hole	40° 05' 39.68" N	109° 59' 50.53" W
U-21-8-17	Center of Pattern	40° 05' 47.59" N	110° 00' 06.50" W
U-21-8-17	Bottom of Hole	40° 05' 49.50" N	110° 00' 10.35" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
4-27-8-17	Surface Hole	40.094400	109.997418
U-21-8-17	Surface Hole	40.094356	109.997369
U-21-8-17	Center of Pattern	40.096554	110.001807
U-21-8-17	Bottom of Hole	40.097084	110.002876
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
4-27-8-17	Surface Hole	4438716.423	585462.890
U-21-8-17	Surface Hole	4438711.523	585467.102
U-21-8-17	Center of Pattern	4438951.266	585086.102
U-21-8-17	Bottom of Hole	4439009.026	584994.308
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
4-27-8-17	Surface Hole	40° 05' 39.98" N	109° 59' 48.17" W
U-21-8-17	Surface Hole	40° 05' 39.82" N	109° 59' 47.99" W
U-21-8-17	Center of Pattern	40° 05' 47.73" N	110° 00' 03.97" W
U-21-8-17	Bottom of Hole	40° 05' 49.64" N	110° 00' 07.82" W
Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
4-27-8-17	Surface Hole	40.094438	109.996713
U-21-8-17	Surface Hole	40.094394	109.996665
U-21-8-17	Center of Pattern	40.096592	110.001102
U-21-8-17	Bottom of Hole	40.097122	110.002171
Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
4-27-8-17	Surface Hole	4438511.100	585525.151
U-21-8-17	Surface Hole	4438506.199	585529.363
U-21-8-17	Center of Pattern	4438745.941	585148.361
U-21-8-17	Bottom of Hole	4438803.702	585056.566



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NEWFIELD EXPLORATION COMPANY

4-27-8-17 (Existing Well)
U-21-8-17 (Proposed Well)
Sec. 27, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY: A.P.C.
DATE: 06-18-2013
VERSION: V2

REVISED:

COORDINATE REPORT

SHEET

1

RECEIVED: August 22, 2013



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 27 T8S, R17E
U-21-8-17**

Wellbore #1

Plan: Design #1

Standard Planning Report

24 June, 2013





Payzone Directional Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well U-21-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	U-21-8-17 @ 5200.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	U-21-8-17 @ 5200.0ft (Original Well Elev)
Site:	SECTION 27 T8S, R17E	North Reference:	True
Well:	U-21-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 27 T8S, R17E			
Site Position:		Northing:	7,205,000.00 ft	Latitude: 40° 5' 23.426 N
From:	Lat/Long	Easting:	2,062,000.00 ft	Longitude: 109° 59' 34.929 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence: 0.97 °

Well	U-21-8-17, SHL LAT: 40 05 39.68 LONG: -109 59 50.53			
Well Position	+N/-S	1,644.6 ft	Northing:	7,206,624.03 ft
	+E/-W	-1,212.4 ft	Easting:	2,060,760.15 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,200.0 ft	Ground Level: 5,190.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/12/2013	11.04	65.80	52,112

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	301.86

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,918.7	19.78	301.86	1,892.6	119.0	-191.4	1.50	1.50	0.00	301.86	
5,619.4	19.78	301.86	5,375.0	780.0	-1,255.1	0.00	0.00	0.00	0.00	U-21-8-17 TGT
6,671.5	19.78	301.86	6,365.0	967.9	-1,557.5	0.00	0.00	0.00	0.00	



Payzone Directional

Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well U-21-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	U-21-8-17 @ 5200.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	U-21-8-17 @ 5200.0ft (Original Well Elev)
Site:	SECTION 27 T8S, R17E	North Reference:	True
Well:	U-21-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	301.86	700.0	0.7	-1.1	1.3	1.50	1.50	0.00
800.0	3.00	301.86	799.9	2.8	-4.4	5.2	1.50	1.50	0.00
900.0	4.50	301.86	899.7	6.2	-10.0	11.8	1.50	1.50	0.00
1,000.0	6.00	301.86	999.3	11.0	-17.8	20.9	1.50	1.50	0.00
1,100.0	7.50	301.86	1,098.6	17.2	-27.8	32.7	1.50	1.50	0.00
1,200.0	9.00	301.86	1,197.5	24.8	-39.9	47.0	1.50	1.50	0.00
1,300.0	10.50	301.86	1,296.1	33.8	-54.3	64.0	1.50	1.50	0.00
1,400.0	12.00	301.86	1,394.2	44.1	-70.9	83.5	1.50	1.50	0.00
1,500.0	13.50	301.86	1,491.7	55.7	-89.6	105.5	1.50	1.50	0.00
1,600.0	15.00	301.86	1,588.6	68.7	-110.5	130.2	1.50	1.50	0.00
1,700.0	16.50	301.86	1,684.9	83.0	-133.6	157.3	1.50	1.50	0.00
1,800.0	18.00	301.86	1,780.4	98.7	-158.8	186.9	1.50	1.50	0.00
1,900.0	19.50	301.86	1,875.0	115.6	-186.1	219.1	1.50	1.50	0.00
1,918.7	19.78	301.86	1,892.6	119.0	-191.4	225.4	1.50	1.50	0.00
2,000.0	19.78	301.86	1,969.2	133.5	-214.8	252.9	0.00	0.00	0.00
2,100.0	19.78	301.86	2,063.3	151.4	-243.5	286.7	0.00	0.00	0.00
2,200.0	19.78	301.86	2,157.4	169.2	-272.3	320.6	0.00	0.00	0.00
2,300.0	19.78	301.86	2,251.5	187.1	-301.0	354.4	0.00	0.00	0.00
2,400.0	19.78	301.86	2,345.6	204.9	-329.8	388.3	0.00	0.00	0.00
2,500.0	19.78	301.86	2,439.7	222.8	-358.5	422.1	0.00	0.00	0.00
2,600.0	19.78	301.86	2,533.8	240.7	-387.2	455.9	0.00	0.00	0.00
2,700.0	19.78	301.86	2,627.9	258.5	-416.0	489.8	0.00	0.00	0.00
2,800.0	19.78	301.86	2,722.0	276.4	-444.7	523.6	0.00	0.00	0.00
2,900.0	19.78	301.86	2,816.1	294.3	-473.5	557.5	0.00	0.00	0.00
3,000.0	19.78	301.86	2,910.2	312.1	-502.2	591.3	0.00	0.00	0.00
3,100.0	19.78	301.86	3,004.3	330.0	-531.0	625.1	0.00	0.00	0.00
3,200.0	19.78	301.86	3,098.4	347.8	-559.7	659.0	0.00	0.00	0.00
3,300.0	19.78	301.86	3,192.5	365.7	-588.4	692.8	0.00	0.00	0.00
3,400.0	19.78	301.86	3,286.6	383.6	-617.2	726.7	0.00	0.00	0.00
3,500.0	19.78	301.86	3,380.7	401.4	-645.9	760.5	0.00	0.00	0.00
3,600.0	19.78	301.86	3,474.8	419.3	-674.7	794.3	0.00	0.00	0.00
3,700.0	19.78	301.86	3,568.9	437.2	-703.4	828.2	0.00	0.00	0.00
3,800.0	19.78	301.86	3,663.0	455.0	-732.2	862.0	0.00	0.00	0.00
3,900.0	19.78	301.86	3,757.1	472.9	-760.9	895.9	0.00	0.00	0.00
4,000.0	19.78	301.86	3,851.2	490.7	-789.6	929.7	0.00	0.00	0.00
4,100.0	19.78	301.86	3,945.3	508.6	-818.4	963.5	0.00	0.00	0.00
4,200.0	19.78	301.86	4,039.4	526.5	-847.1	997.4	0.00	0.00	0.00
4,300.0	19.78	301.86	4,133.5	544.3	-875.9	1,031.2	0.00	0.00	0.00
4,400.0	19.78	301.86	4,227.6	562.2	-904.6	1,065.1	0.00	0.00	0.00
4,500.0	19.78	301.86	4,321.7	580.1	-933.4	1,098.9	0.00	0.00	0.00
4,600.0	19.78	301.86	4,415.8	597.9	-962.1	1,132.8	0.00	0.00	0.00
4,700.0	19.78	301.86	4,509.9	615.8	-990.8	1,166.6	0.00	0.00	0.00
4,800.0	19.78	301.86	4,604.0	633.6	-1,019.6	1,200.4	0.00	0.00	0.00
4,900.0	19.78	301.86	4,698.1	651.5	-1,048.3	1,234.3	0.00	0.00	0.00
5,000.0	19.78	301.86	4,792.2	669.4	-1,077.1	1,268.1	0.00	0.00	0.00
5,100.0	19.78	301.86	4,886.3	687.2	-1,105.8	1,302.0	0.00	0.00	0.00
5,200.0	19.78	301.86	4,980.4	705.1	-1,134.5	1,335.8	0.00	0.00	0.00



Payzone Directional

Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well U-21-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	U-21-8-17 @ 5200.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	U-21-8-17 @ 5200.0ft (Original Well Elev)
Site:	SECTION 27 T8S, R17E	North Reference:	True
Well:	U-21-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,300.0	19.78	301.86	5,074.5	723.0	-1,163.3	1,369.6	0.00	0.00	0.00	
5,400.0	19.78	301.86	5,168.6	740.8	-1,192.0	1,403.5	0.00	0.00	0.00	
5,500.0	19.78	301.86	5,262.7	758.7	-1,220.8	1,437.3	0.00	0.00	0.00	
5,600.0	19.78	301.86	5,356.8	776.5	-1,249.5	1,471.2	0.00	0.00	0.00	
5,619.4	19.78	301.86	5,375.0	780.0	-1,255.1	1,477.7	0.00	0.00	0.00	
5,700.0	19.78	301.86	5,450.9	794.4	-1,278.3	1,505.0	0.00	0.00	0.00	
5,800.0	19.78	301.86	5,545.0	812.3	-1,307.0	1,538.8	0.00	0.00	0.00	
5,900.0	19.78	301.86	5,639.1	830.1	-1,335.7	1,572.7	0.00	0.00	0.00	
6,000.0	19.78	301.86	5,733.2	848.0	-1,364.5	1,606.5	0.00	0.00	0.00	
6,100.0	19.78	301.86	5,827.3	865.9	-1,393.2	1,640.4	0.00	0.00	0.00	
6,200.0	19.78	301.86	5,921.4	883.7	-1,422.0	1,674.2	0.00	0.00	0.00	
6,300.0	19.78	301.86	6,015.5	901.6	-1,450.7	1,708.0	0.00	0.00	0.00	
6,400.0	19.78	301.86	6,109.6	919.4	-1,479.5	1,741.9	0.00	0.00	0.00	
6,500.0	19.78	301.86	6,203.7	937.3	-1,508.2	1,775.7	0.00	0.00	0.00	
6,600.0	19.78	301.86	6,297.8	955.2	-1,536.9	1,809.6	0.00	0.00	0.00	
6,671.5	19.78	301.86	6,365.0	967.9	-1,557.5	1,833.8	0.00	0.00	0.00	

API Well Number: 43013524030000

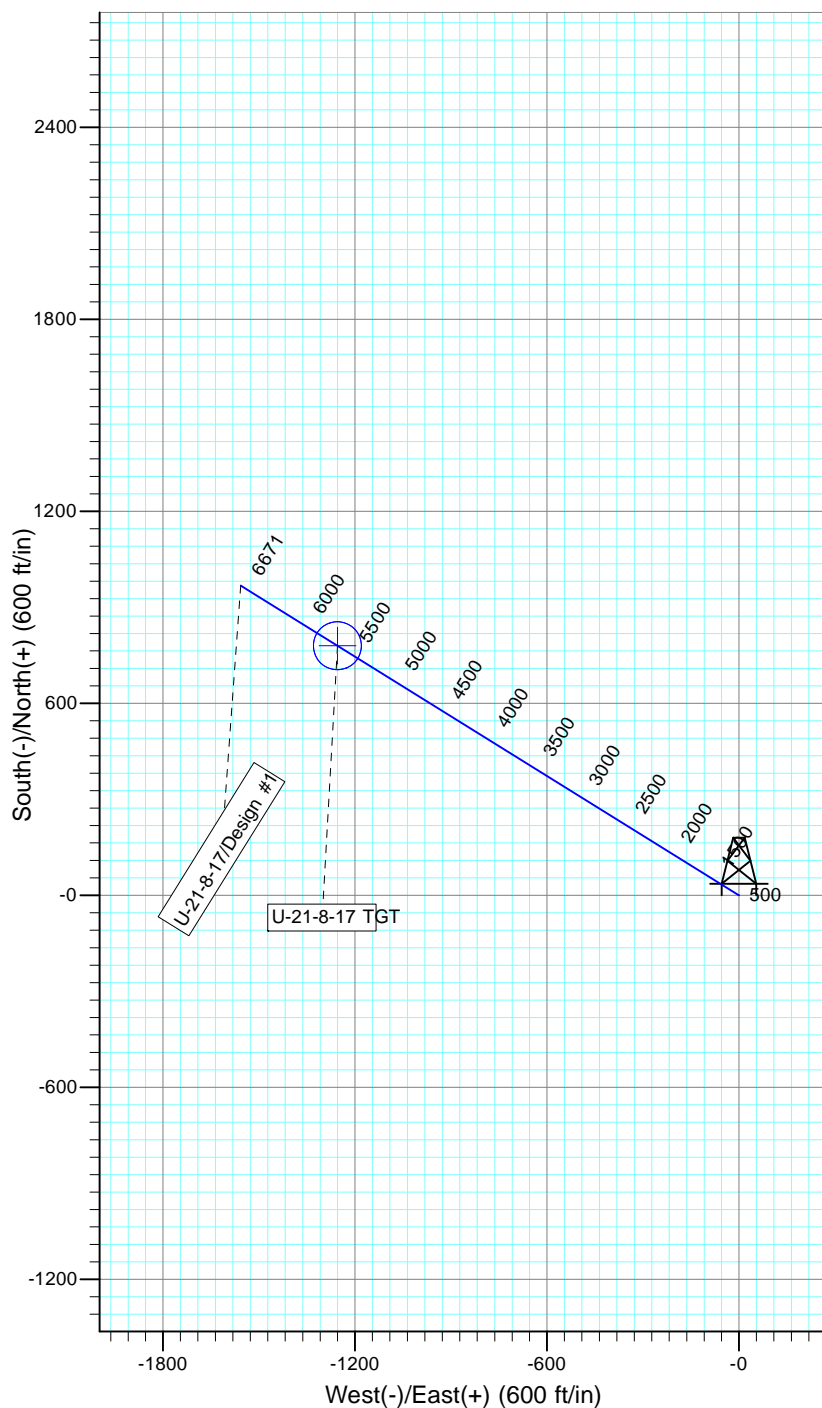
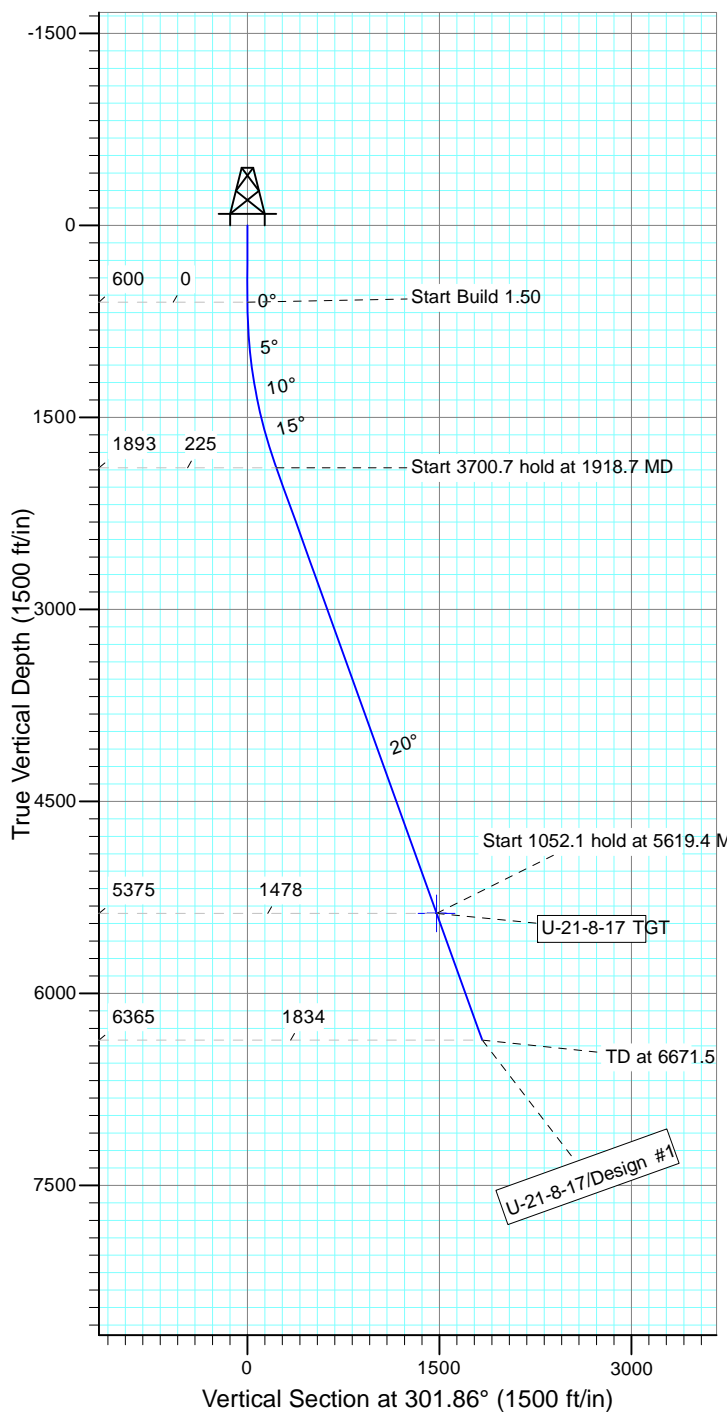


Project: USGS Myton SW (UT)
 Site: SECTION 27 T8S, R17E
 Well: U-21-8-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.04°

Magnetic Field
 Strength: 52112.0snT
 Dip Angle: 65.80°
 Date: 6/12/2013
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
U-21-8-17 TGT	5375.0	780.0	-1255.1	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1918.7	19.78	301.86	1892.6	119.0	-191.4	1.50	301.86	225.4	
4	5619.4	19.78	301.86	5375.0	780.0	-1255.1	0.00	0.00	1477.7	U-21-8-17 TGT
5	6671.5	19.78	301.86	6365.0	967.9	-1557.5	0.00	0.00	1833.8	



**NEWFIELD PRODUCTION COMPANY
GMBU U-21-8-17
AT SURFACE: NW/NW SECTION 27, T8S R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU U-21-8-17 located in the NW 1/4 NW 1/4 Section 27, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction – 6.8 miles \pm to it's junction with an existing road to the east; proceed in a easterly direction – 2.5 miles \pm to it's junction with an existing road to the south; proceed in a southerly then easterly direction – 1.6 miles \pm to it's junction with the beginning of the access road to the existing 4-27-8-17 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing 4-27-8-17 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-7478

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

Fencing Requirements

- a) All pits will be fenced or have panels installed consistent with the following minimum standards:
 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
 2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
 3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE:**

- a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

- b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP** – Bureau of Land Management.

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 13-060 4/17/13, prepared by Montgomery Archaeological Consultants. . Paleontological Resource Survey prepared by, SWCA Environmental Consultants, Report No. UT13-14273-80, May 2013.

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU U-21-8-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU U-21-8-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Representative

Name: Corie Miller
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #U-21-8-17, Section 27, Township 8S, Range 17E: Lease UTU-76241 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

8/21/13
Date

Heather Calder
Production Technician
Newfield Production Company

Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

NEWFIELD EXPLORATION COMPANY**WELL PAD INTERFERENCE PLAT****4-27-8-17 (Existing Well)****U-21-8-17 (Proposed Well)***Pad Location: NWNW Section 27, T8S, R17E, S.L.B.&M.*

N58°08'12"W - 1477.72'
(To Center of Pattern)
N58°08'12"W - 1833.75'
(To Bottom of Hole)

RELATIVE COORDINATES
From Top Hole to C.O.P.

WELL	NORTH	EAST
U-21-8-17	780'	-1255'

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
U-21-8-17	968'	-1557'

LATITUDE & LONGITUDE
Surface Position of Wells (NAD 83)

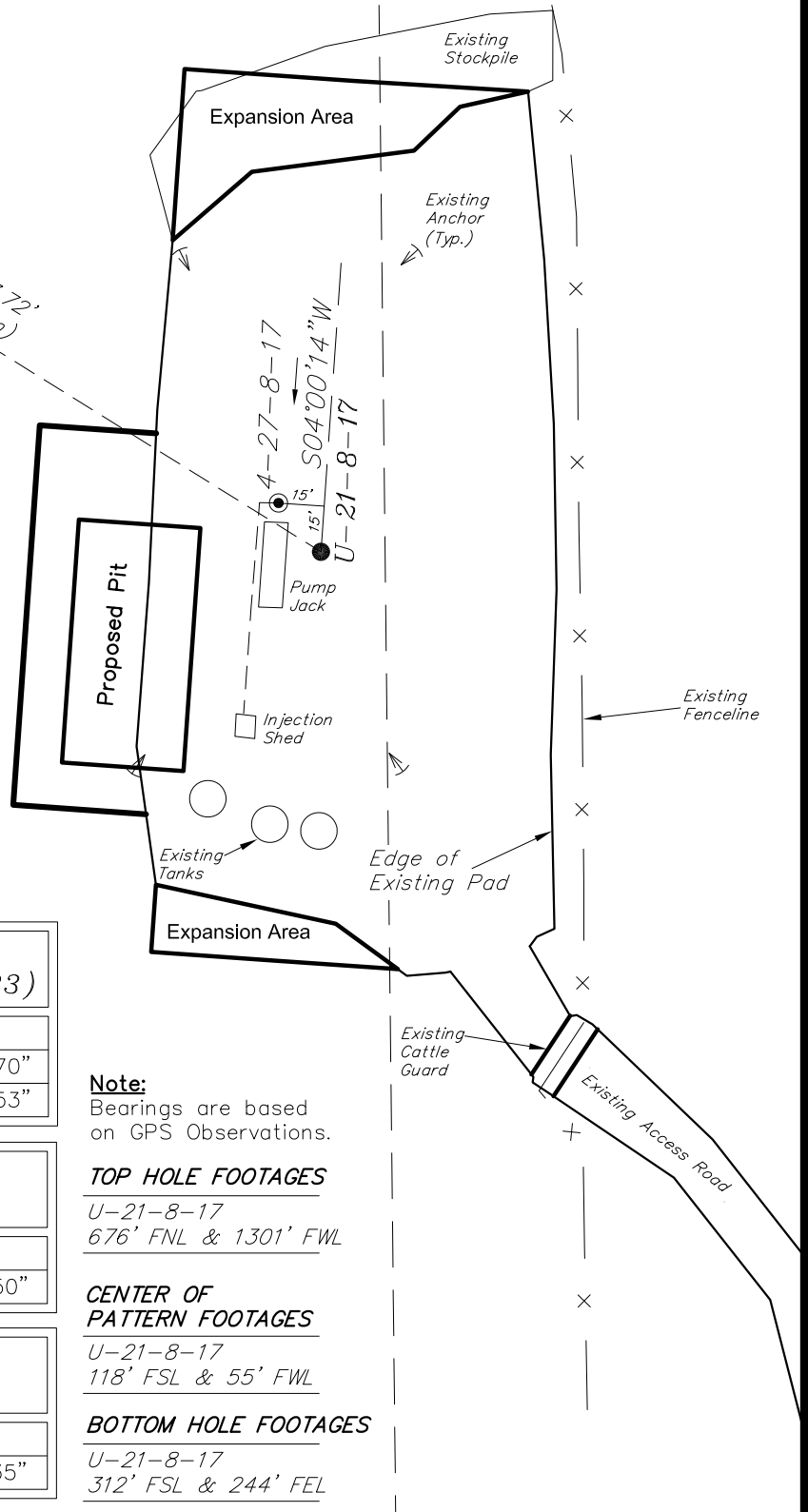
WELL	LATITUDE	LONGITUDE
4-24-8-17	40° 05' 39.84"	109° 59' 50.70"
U-21-8-17	40° 05' 39.68"	109° 59' 50.53"

LATITUDE & LONGITUDE
Center of Pattern (NAD 83)

WELL	LATITUDE	LONGITUDE
U-21-8-17	40° 05' 47.59"	110° 00' 06.50"

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
U-21-8-17	40° 05' 49.50"	110° 00' 10.35"



Note:
Bearings are based
on GPS Observations.

TOP HOLE FOOTAGES

U-21-8-17
676' FNL & 1301' FWL

CENTER OF PATTERN FOOTAGES

U-21-8-17
118' FSL & 55' FWL

BOTTOM HOLE FOOTAGES

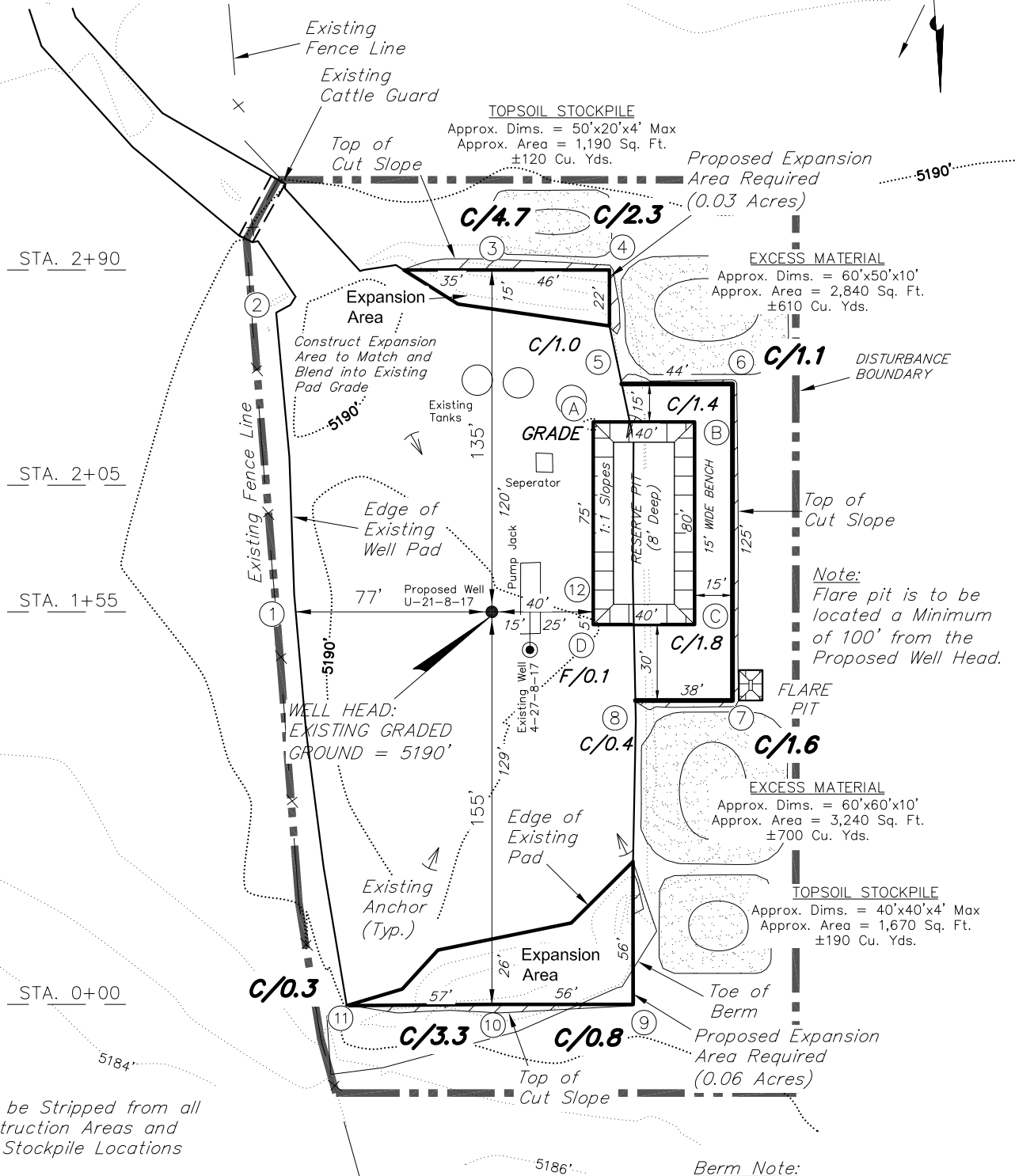
U-21-8-17
312' FSL & 244' FEL

SURVEYED BY: Q.M. DATE SURVEYED: 01-22-13
DRAWN BY: L.K. DATE DRAWN: 06-18-13
SCALE: 1" = 60' REVISED:

VERSION:
V2

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

RECEIVED: August 22, 2013

NEWFIELD EXPLORATION COMPANY**LOCATION LAYOUT****4-27-8-17 (Existing Well)****U-21-8-17 (Proposed Well)****Pad Location: NWNW Section 27, T8S, R17E, S.L.B.&M.**

Note:
Topsoil to be Stripped from all
New Construction Areas and
Proposed Stockpile Locations

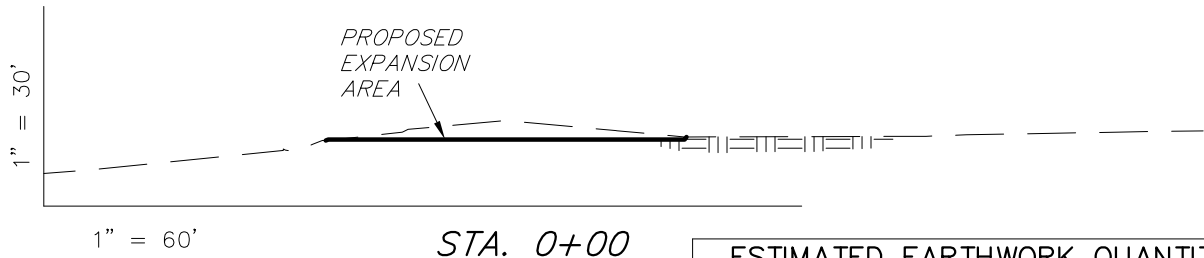
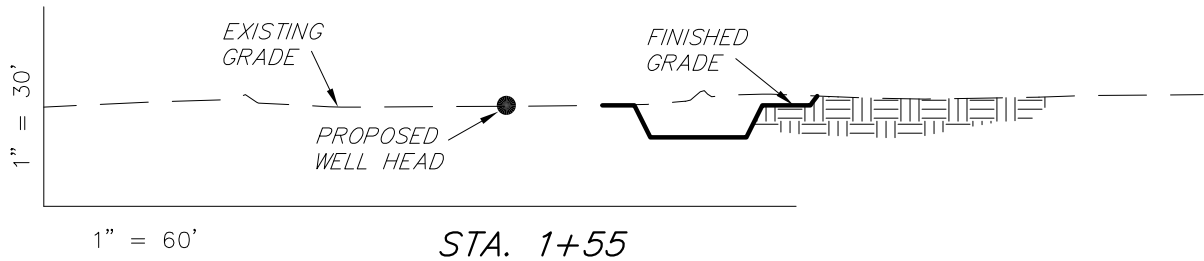
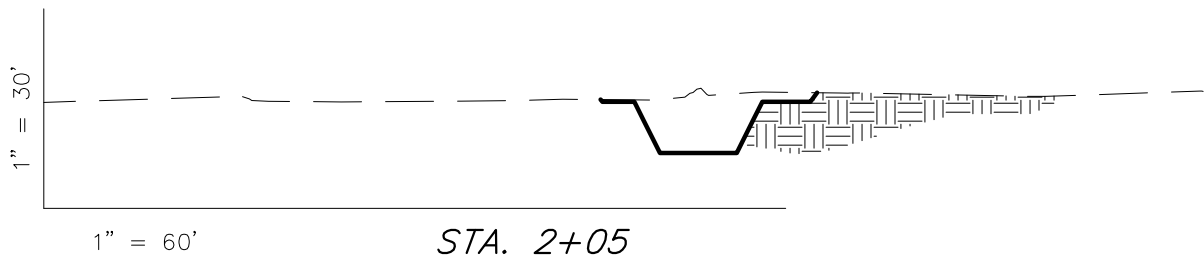
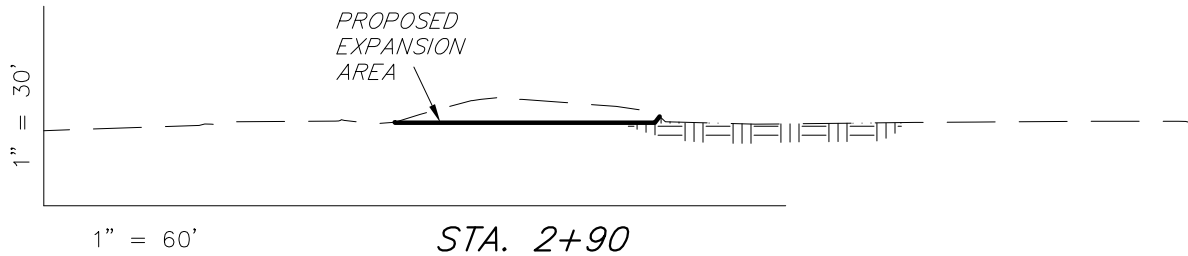
NOTE:
The topsoil & excess material areas are calculated as being
mounds containing 1,620 cubic yards of dirt (a 10% fluff
factor is included). The mound areas are calculated with
push slopes of 1.5:1 & fall slopes of 1.5:1.

Berm Note:
Construct 2' High Berm around
Perimeter of Pad, Except when
Cut Exceeds 2'. Blend new
Constructed Berm into Existing
Pad Berm where Required.

SURVEYED BY: Q.M.	DATE SURVEYED: 01-22-13	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 05-21-13	V2
SCALE: 1" = 60'	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: August 22, 2013

NEWFIELD EXPLORATION COMPANY***CROSS SECTIONS******4-27-8-17 (Existing Well)******U-21-8-17 (Proposed Well)****Pad Location: NWNW Section 27, T8S, R17E, S.L.B.&M.*

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	500	0	Topsoil is not included in Pad Cut	500
PIT	690	0		690
TOTALS	1,190	0	280	1,190

SURVEYED BY: Q.M.

DATE SURVEYED: 01-22-13

VERSION:

DRAWN BY: M.W.

DATE DRAWN: 05-21-13

V2

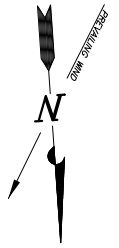
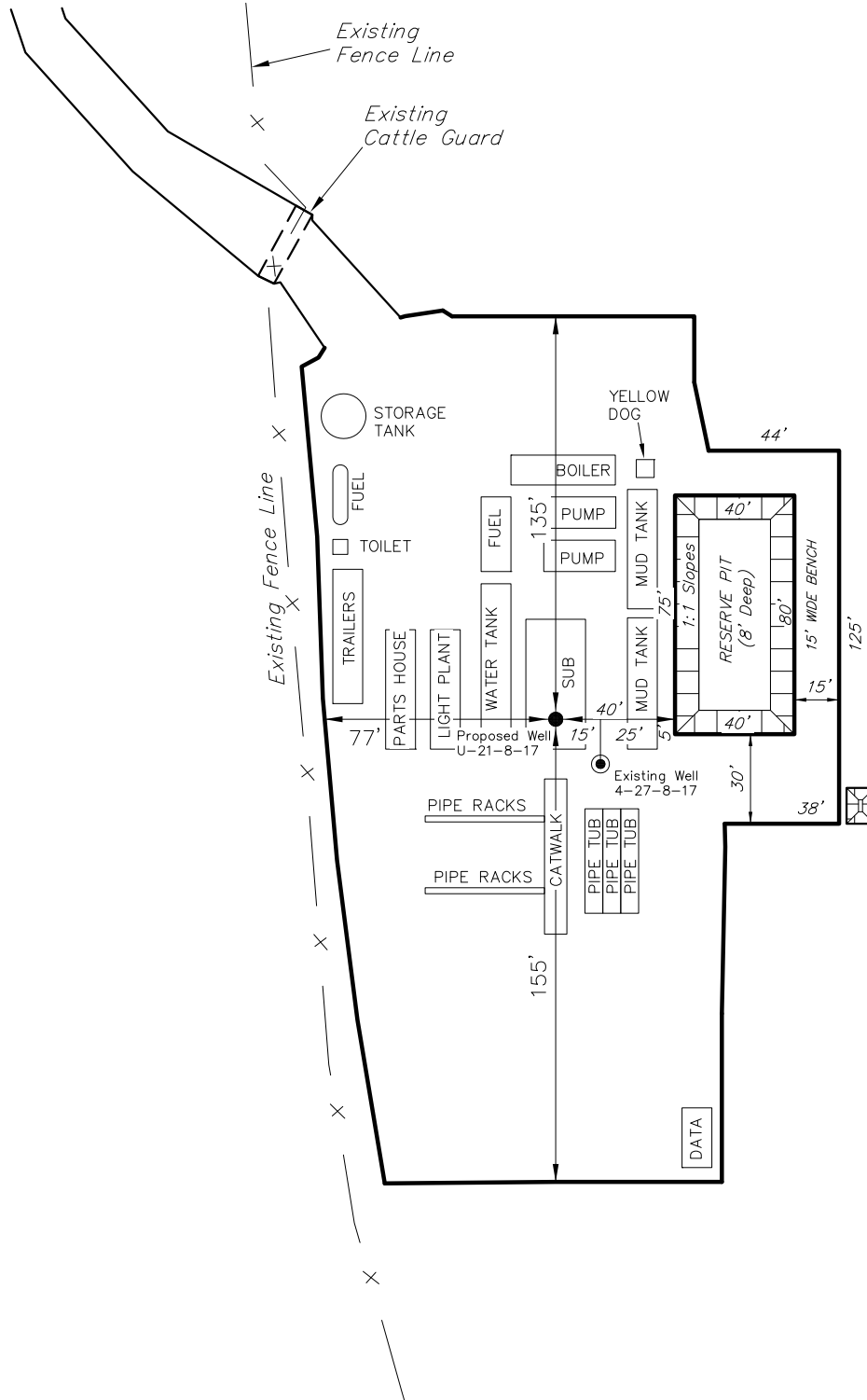
SCALE: 1" = 60'

REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

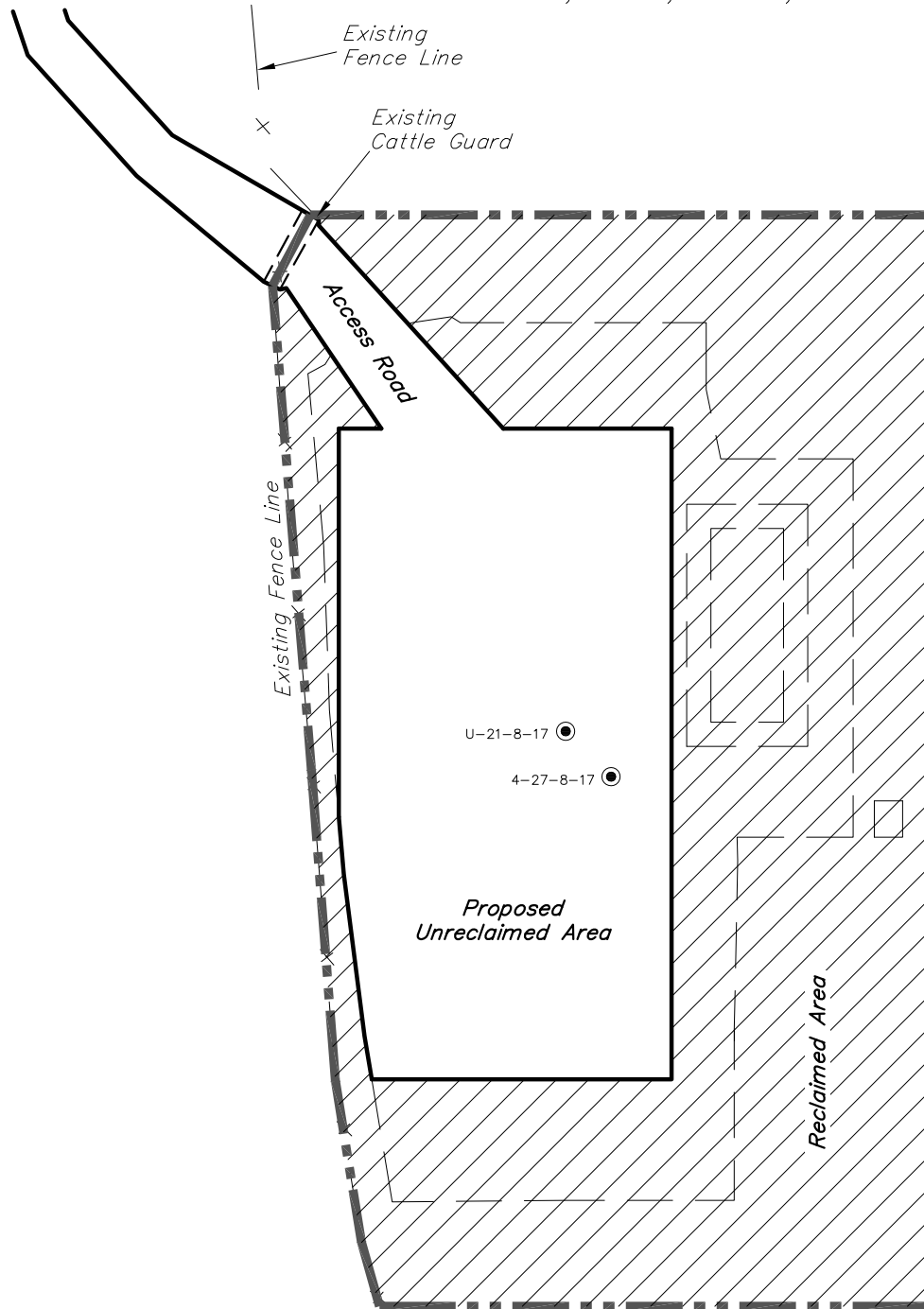
RECEIVED: August 22, 2013

NEWFIELD EXPLORATION COMPANY**TYPICAL RIG LAYOUT****4-27-8-17 (Existing Well)****U-21-8-17 (Proposed Well)***Pad Location: NWNW Section 27, T8S, R17E, S.L.B.&M.*

SURVEYED BY: Q.M.	DATE SURVEYED: 01-22-13	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 05-21-13	V2
SCALE: 1" = 60'	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: August 22, 2013

NEWFIELD EXPLORATION COMPANY**RECLAMATION LAYOUT****4-27-8-17 (Existing Well)****U-21-8-17 (Proposed Well)***Pad Location: NWNW Section 27, T8S, R17E, S.L.B.&M.***Notes:**

1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

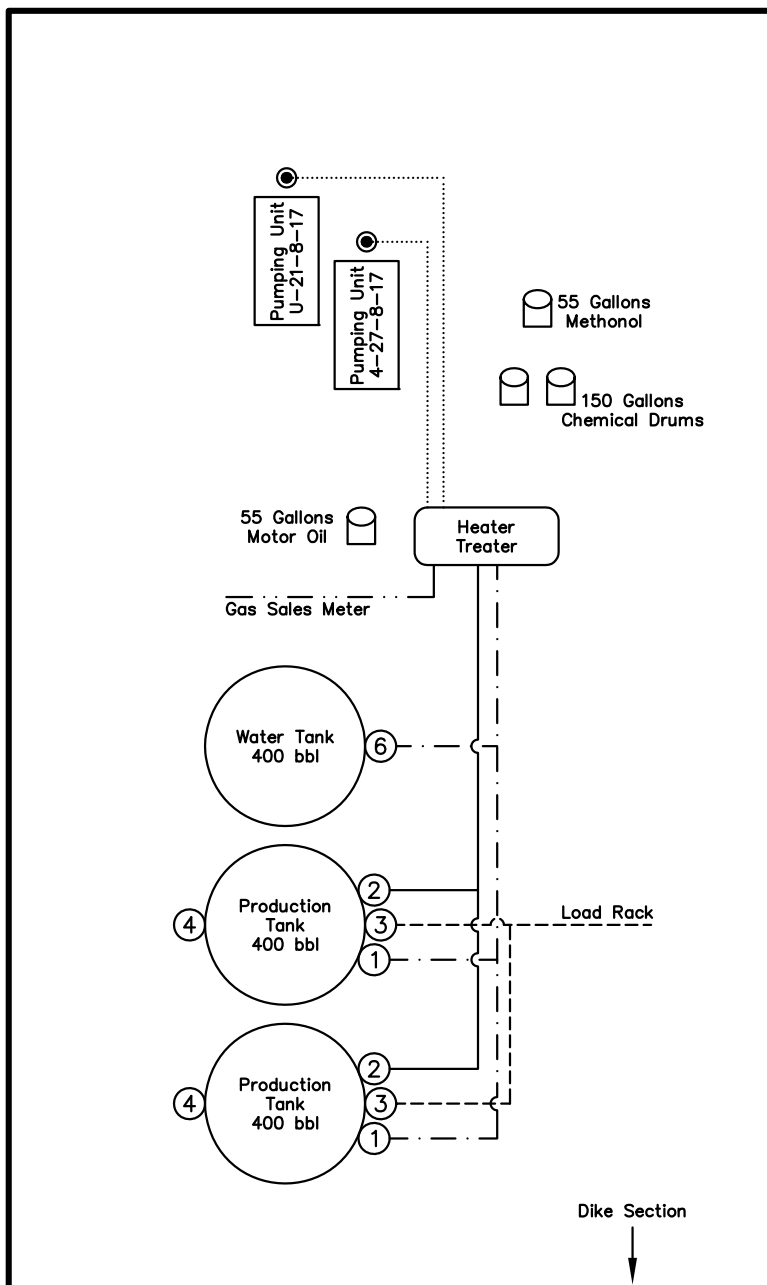
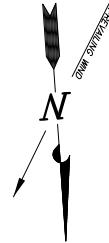
DISTURBED AREA:

TOTAL DISTURBED AREA = ± 1.68 ACRES
 TOTAL RECLAIMED AREA = ± 1.10 ACRES
 UNRECLAIMED AREA = ± 0.58 ACRES

SURVEYED BY: Q.M.	DATE SURVEYED: 01-22-13	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 05-21-13	V2
SCALE: 1" = 60'	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: August 22, 2013

NEWFIELD EXPLORATION COMPANY**PROPOSED SITE FACILITY DIAGRAM****4-27-8-17 UTU-76241****U-21-8-17 UTU-76241***Pad Location: NWNW Section 27, T8S, R17E, S.L.B.&M.
Duchesne County, Utah***Legend**

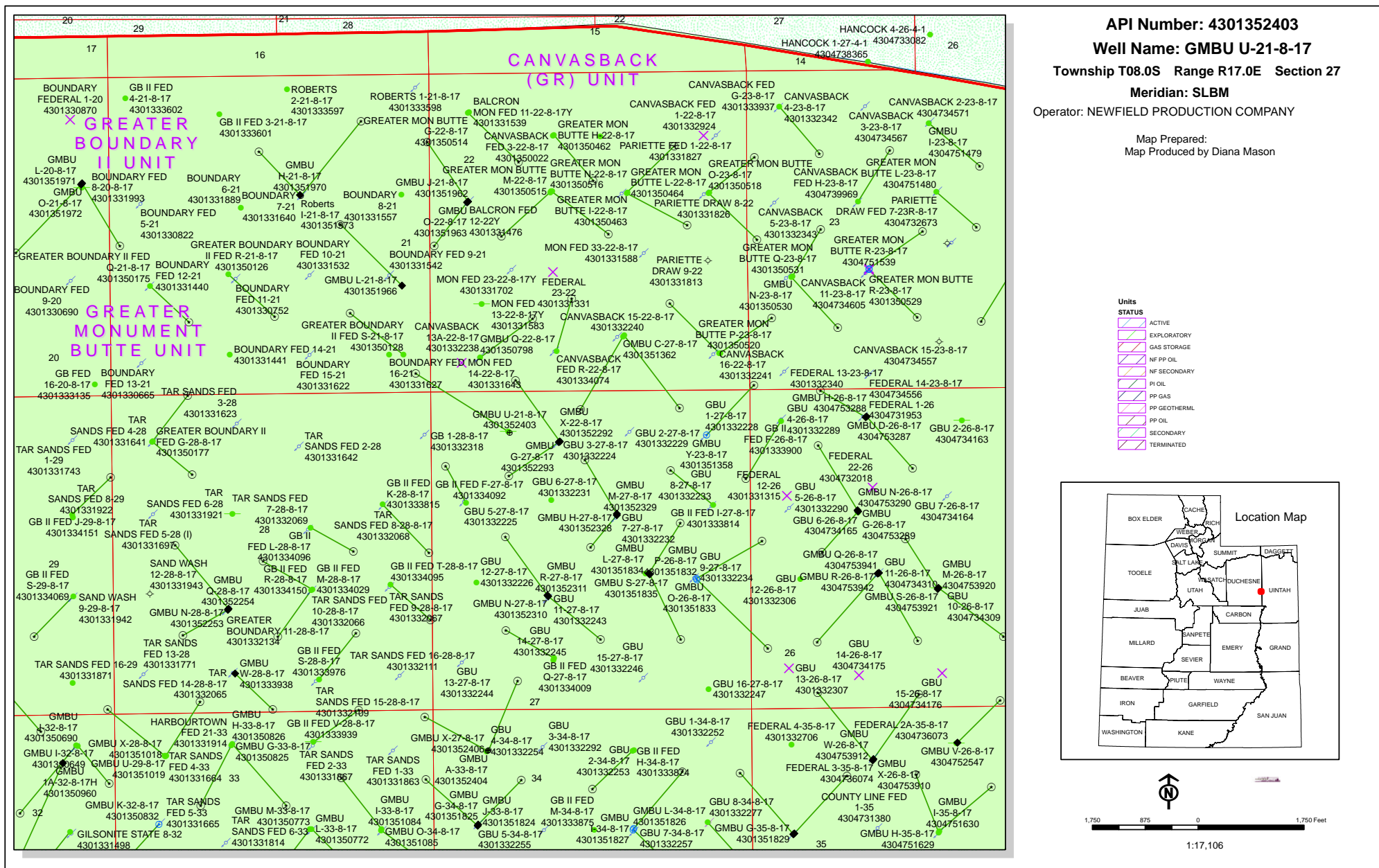
Emulsion Line
Load Rack	-----
Water Line
Gas Sales
Oil Line

NOT TO SCALE

SURVEYED BY: Q.M.	DATE SURVEYED: 01-22-13	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 05-21-13	V2
SCALE: NONE	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: August 22, 2013





VIA ELECTRONIC DELIVERY

Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

August 12, 2013

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU U-21-8-17
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R17E Section 27: NWNW (UTU-76241)
676' FNL 1301' FWL

At Target: T8S-R17E Section 26: SESE (UTU-76954)
312' FSL 244' FEL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 8/22/2013, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

A handwritten signature in cursive script that reads "Leslie Burget". The signature is written in dark ink and is positioned above the printed name and title.

Leslie Burget
Land Associate

Form 3160-3
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU76241
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD EXPLORATION Contact: HEATHER CALDER E-Mail: hcalder@newfield.com		7. If Unit or CA Agreement, Name and No. GMBU
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052		8. Lease Name and Well No. GMBU U-21-8-17
3b. Phone No. (include area code) Ph: 435-646-4936 Fx: 435-646-3031		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface NWNW 676FNL 1301FWL At proposed prod. zone SESE 312FSL 244FEL		10. Field and Pool, or Exploratory MONUMENT BUTTE
14. Distance in miles and direction from nearest town or post office* 12.3 MILES SOUTH OF MYTON, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 27 T8S R17E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 244'	16. No. of Acres in Lease 1880.00	12. County or Parish DUCHESNE
17. Spacing Unit dedicated to this well 20.00	18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 768'	13. State UT
19. Proposed Depth 6672 MD 6365 TVD	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5190 GL	22. Approximate date work will start 01/01/2014	23. Estimated duration 7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) HEATHER CALDER Ph: 435-646-4936	Date 08/22/2013
Title PRODUCTION TECHNICIAN		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

**Electronic Submission #217952 verified by the BLM Well Information System
For NEWFIELD EXPLORATION, sent to the Vernal**

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

API Well Number: 43013524030000

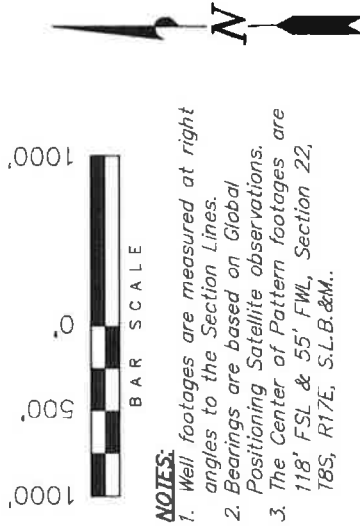
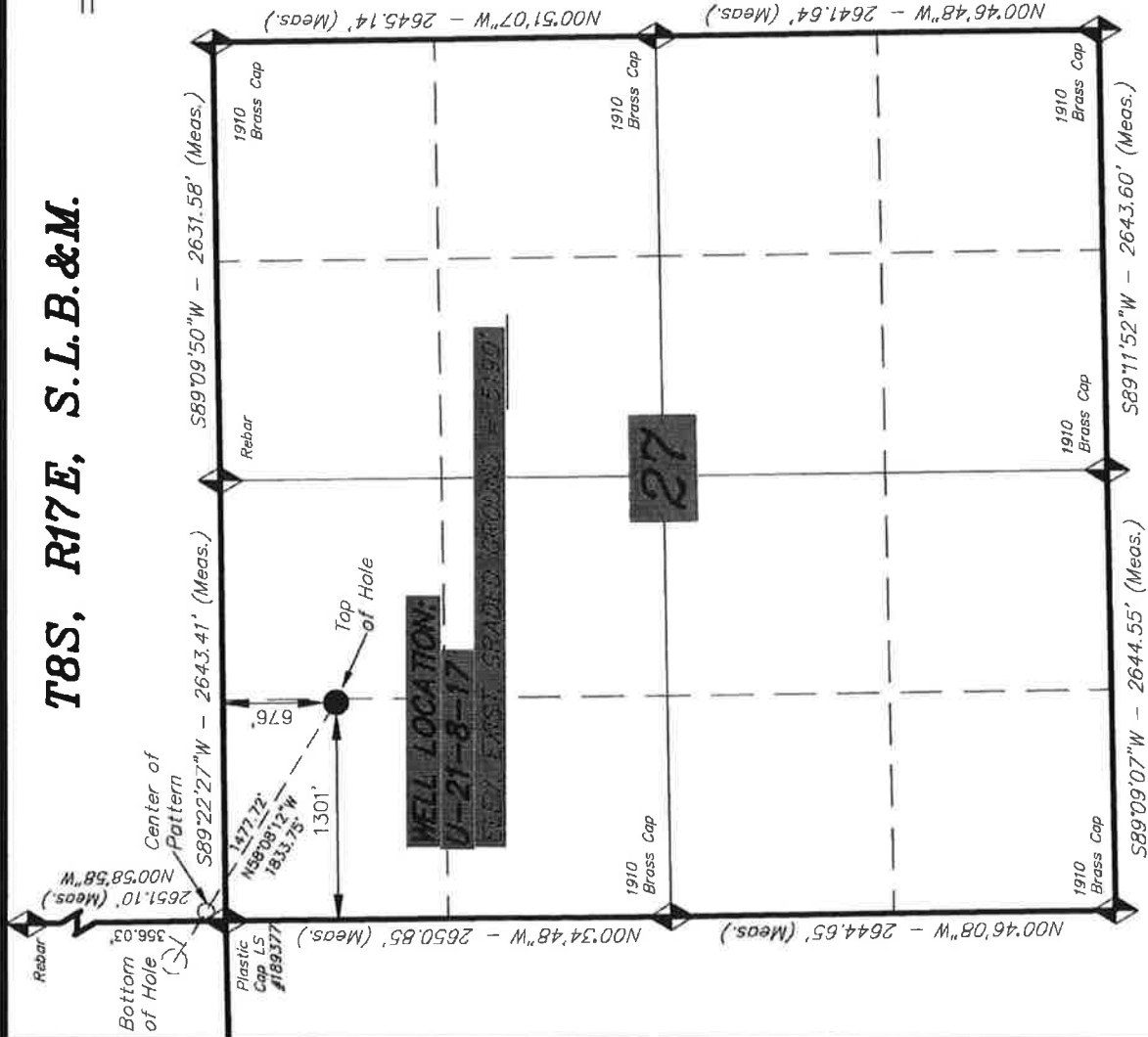
Additional Operator Remarks:

SURFACE HOLE LEASE:UTU76241
BOTTOM HOLE LEASE:UTU76954

T8S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, U-21-8-17, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 OF SECTION 27, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



- NOTES:**
- 1. Well footages are measured at right angles to the Section Lines.
 - 2. Bearings are based on Global Positioning Satellite observations.
 - 3. The Center of Pattern footages are 118' FSL & 55' FWL, Section 22, T8S, R17E, S.L.B.&M..

◆ = SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

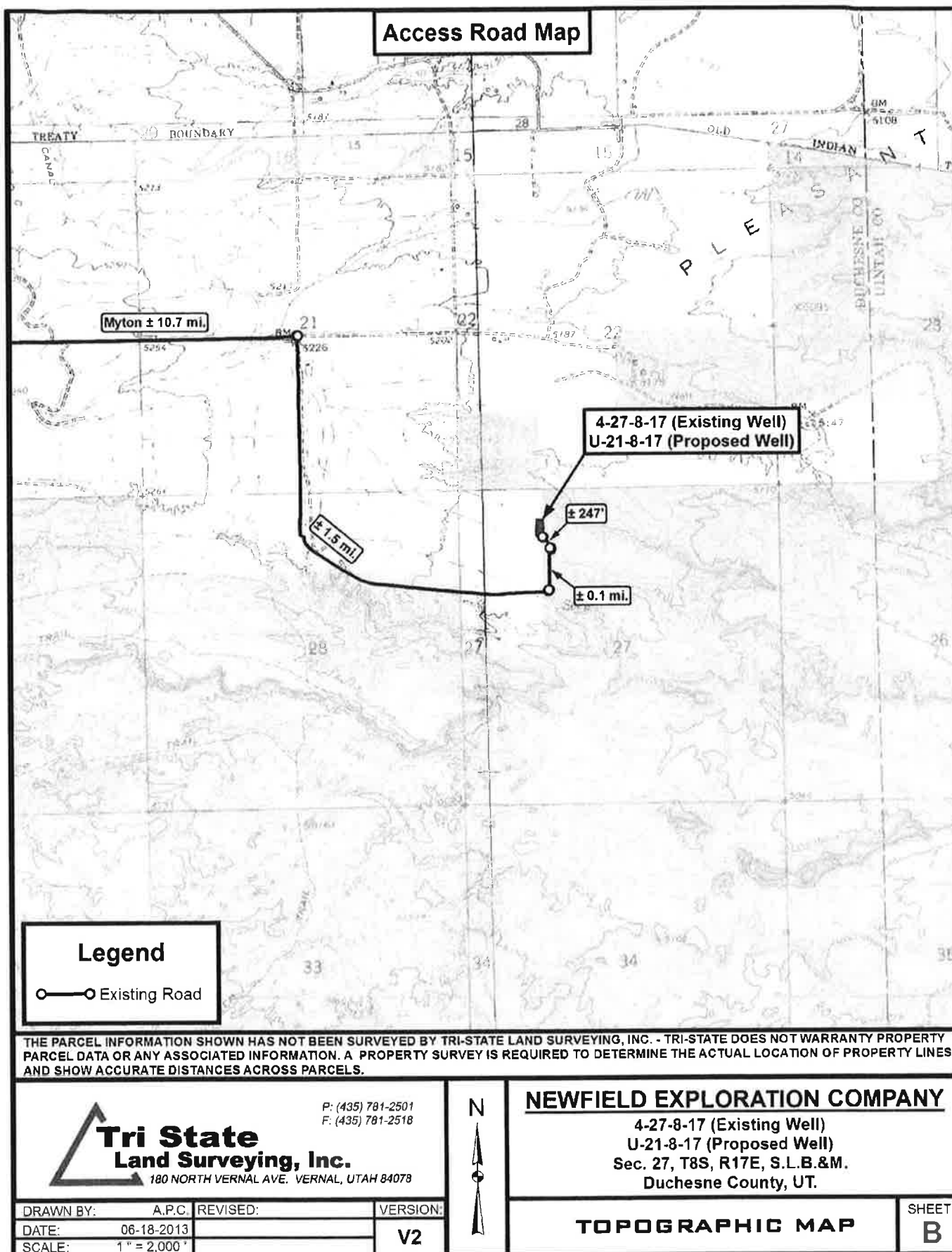
REGISTERED LAND SURVEYOR
STACY W.
06-18-13
REG. NO. 189377
STATE OF UTAH

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°05'39.68"
LONGITUDE	= 109°59'50.53"
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°05'39.82"
LONGITUDE	= 109°59'47.99"

BASIS OF ELEV.; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 01-22-13	SURVEYED BY: Q.M.
DATE DRAWN: 06-18-13	DRAWN BY: L.K.
REVISED:	SCALE: 1" = 1000'
VERSION: V2	

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101

IN REPLY REFER TO:

3160
(UT-922)

September 3, 2013

Memorandum

To: Assistant Field Office Manager Minerals,
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52377	GMBU G-13-9-15	Sec 13 T09S R15E 1999 FNL 2250 FWL BHL Sec 13 T09S R15E 1137 FNL 0901 FWL
43-013-52388	GMBU Q-18-9-16	Sec 18 T09S R16E 1945 FSL 0590 FWL BHL Sec 18 T09S R16E 1188 FSL 1254 FWL
43-013-52389	GMBU N-18-9-16	Sec 18 T09S R16E 1964 FSL 0581 FWL BHL Sec 18 T09S R16E 2360 FNL 1449 FWL
43-013-52403	GMBU U-21-8-17	Sec 27 T08S R17E 0676 FNL 1301 FWL BHL Sec 21 T08S R17E 0312 FSL 0244 FEL
43-013-52404	GMBU A-33-8-17	Sec 34 T08S R17E 0685 FNL 0902 FWL BHL Sec 33 T08S R17E 0115 FNL 0137 FEL
43-013-52406	GMBU X-27-8-17	Sec 34 T08S R17E 0672 FNL 0918 FWL BHL Sec 27 T08S R17E 0477 FSL 1404 FWL
43-013-52407	GMBU E-13-9-15	Sec 11 T09S R15E 0636 FSL 0708 FEL BHL Sec 13 T09S R15E 0186 FNL 0208 FWL
43-013-52408	GMBU U-15-9-15	Sec 23 T09S R15E 0537 FNL 0687 FWL BHL Sec 15 T09S R15E 0172 FSL 0146 FEL
43-013-52409	GMBU G-23-9-15	Sec 23 T09S R15E 0558 FNL 0685 FWL BHL Sec 23 T09S R15E 1415 FNL 1497 FWL
43-013-52410	GMBU X-14-9-15	Sec 23 T09S R15E 0666 FNL 2006 FWL BHL Sec 14 T09S R15E 0160 FSL 1164 FWL

RECEIVED: September 03, 2013

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52411	GMBU G-22-9-15	Sec 22 T09S R15E 1909 FNL 1135 FWL BHL Sec 22 T09S R15E 1179 FNL 0772 FWL
43-013-52412	GMBU H-23-9-15	Sec 23 T09S R15E 0667 FNL 2027 FWL BHL Sec 23 T09S R15E 1413 FNL 2537 FEL
43-013-52413	GMBU H-22-9-15	Sec 22 T09S R15E 1926 FNL 1148 FWL BHL Sec 22 T09S R15E 1167 FNL 2319 FEL
43-013-52414	GMBU I-22-9-15	Sec 22 T09S R15E 1982 FNL 1880 FEL BHL Sec 22 T09S R15E 1060 FNL 1071 FEL
43-013-52415	GMBU G-3-9-17	Sec 03 T09S R17E 1902 FNL 1994 FWL BHL Sec 03 T09S R17E 1103 FNL 1262 FWL
43-013-52416	GMBU K-6-9-16	Sec 05 T09S R16E 2135 FNL 0675 FWL BHL Sec 06 T09S R16E 2336 FSL 0120 FEL
43-013-52417	GMBU J-6-9-16	Sec 05 T09S R16E 2115 FNL 0669 FWL BHL Sec 06 T09S R16E 1294 FNL 0058 FEL
43-013-52418	GMBU M-24-9-15	Sec 24 T09S R15E 2079 FNL 2071 FEL BHL Sec 24 T09S R15E 2317 FSL 2533 FWL
43-013-52419	GMBU L-24-9-15	Sec 24 T09S R15E 2096 FNL 2058 FEL BHL Sec 24 T09S R15E 2361 FSL 1235 FEL
43-013-52420	GMBU K-24-9-15	Sec 19 T09S R16E 1834 FNL 0481 FWL BHL Sec 24 T09S R15E 2410 FSL 0107 FEL
43-013-52421	GMBU J-24-9-15	Sec 19 T09S R16E 1831 FNL 0502 FWL BHL Sec 24 T09S R15E 1219 FNL 0112 FEL
43-013-52422	GMBU M-22-9-15	Sec 22 T09S R15E 2002 FNL 1873 FEL BHL Sec 22 T09S R15E 2516 FSL 1903 FWL
43-013-52423	GMBU B-19-9-16	Sec 18 T09S R16E 0637 FSL 2334 FEL BHL Sec 19 T09S R16E 0027 FNL 0752 FEL
43-013-52424	GMBU 118-32-8-17	Sec 32 T08S R17E 2310 FSL 2158 FEL BHL Sec 32 T08S R17E 2332 FNL 1981 FEL
43-013-52425	GMBU 126-32-8-17	Sec 32 T08S R17E 0861 FSL 1953 FEL BHL Sec 32 T08S R17E 1518 FSL 1952 FEL
43-013-52436	GMBU R-18-9-16	Sec 18 T09S R16E 1031 FSL 2024 FWL BHL Sec 18 T09S R16E 1543 FSL 2338 FEL
43-013-52437	GMBU I-26-9-15	Sec 23 T09S R15E 0713 FSL 1818 FEL BHL Sec 26 T09S R15E 1284 FNL 1375 FEL
43-013-52438	GMBU 112-1-9-16	Sec 01 T09S R16E 1945 FNL 0682 FWL BHL Sec 01 T09S R16E 1299 FNL 0716 FWL
43-013-52439	GMBU 111-1-9-16	Sec 01 T09S R16E 2071 FNL 2004 FWL BHL Sec 01 T09S R16E 1255 FNL 1803 FWL
43-013-52440	GMBU 118-10-9-16	Sec 10 T09S R16E 1983 FSL 1941 FEL BHL Sec 10 T09S R16E 2241 FNL 2129 FEL
43-013-52441	GMBU 125-6-9-17	Sec 06 T09S R17E 2065 FSL 0784 FEL BHL Sec 06 T09S R17E 1110 FSL 0492 FEL

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52442	GMBU 117-6-9-17	Sec 06 T09S R17E 1826 FNL 0938 FEL BHL Sec 06 T09S R17E 2485 FSL 0619 FEL
43-013-52443	GMBU 115-6-9-17	Sec 06 T09S R17E 1841 FNL 0954 FEL BHL Sec 06 T09S R17E 2032 FNL 1536 FEL
43-013-52444	GMBU 109-6-9-17	Sec 06 T09S R17E 0798 FNL 0652 FEL BHL Sec 06 T09S R17E 1456 FNL 0638 FEL
43-013-52445	GMBU 110-34-8-16	Sec 34 T08S R16E 0691 FNL 1952 FEL BHL Sec 34 T08S R16E 1396 FNL 2028 FEL
43-013-52446	GMBU 102-35-8-16	Sec 26 T08S R16E 0640 FSL 1971 FEL BHL Sec 35 T08S R16E 0521 FNL 1700 FEL
43-013-52447	GMBU 116-6-9-17	Sec 05 T09S R17E 1861 FNL 0559 FWL BHL Sec 06 T09S R17E 2016 FNL 0410 FEL
43-013-52448	GMBU 119-31-8-17	Sec 31 T08S R17E 2051 FSL 2017 FWL BHL Sec 31 T08S R17E 2352 FNL 1902 FWL
43-013-52449	GMBU 103-1-9-16	Sec 36 T08S R16E 0721 FSL 2308 FWL BHL Sec 01 T09S R16E 0274 FNL 2041 FWL
43-013-52451	GMBU 118-6-9-17	Sec 06 T09S R17E 2143 FNL 1952 FEL BHL Sec 06 T09S R17E 2290 FSL 1960 FEL
43-013-52457	GMBU 2-26-9-15	Sec 23 T09S R15E 0692 FSL 1820 FEL BHL Sec 26 T09S R15E 0647 FNL 1950 FEL
43-013-52458	GMBU 11-18-9-16	Sec 18 T09S R16E 1026 FSL 2004 FWL BHL Sec 18 T09S R16E 1982 FSL 1865 FWL

This office has no objection to permitting the wells at this time.

Michael Coulthard

Digitally signed by Michael Coulthard
DN: cn=Michael Coulthard, o=Bureau of Land
Management, ou=Division of Minerals,
email=mcoultha@blm.gov, c=US
Date: 2013.09.03 08:22:36 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:9-3-13

RECEIVED: September 03, 2013

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/22/2013

API NO. ASSIGNED: 43013524030000

WELL NAME: GMBU U-21-8-17

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4936

CONTACT: Heather Calder

PROPOSED LOCATION: NWNW 27 080S 170E

Permit Tech Review: ☒

SURFACE: 0676 FNL 1301 FWL

Engineering Review: ☐

BOTTOM: 0312 FSL 0244 FEL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.09435

LONGITUDE: -109.99733

UTM SURF EASTINGS: 585470.00

NORTHINGS: 4438710.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-76241

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: FEDERAL - WYB000493☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 437478☐ RDCC Review:☐ Fee Surface Agreement☐ Intent to Commingle

Commingling Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit: GMBU (GRRV)

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 213-11

Effective Date: 11/30/2009

Siting: Suspends General Siting

☒ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
15 - Directional - dmason
27 - Other - bhill

RECEIVED: September 04, 2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU U-21-8-17
API Well Number: 43013524030000
Lease Number: UTU-76241
Surface Owner: FEDERAL
Approval Date: 9/4/2013

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: GMBU U-21-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013524030000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0676 FNL 1301 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 27 Township: 08.0S Range: 17.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UTAH

11.


CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/4/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to extend the Application for Permit to Drill this well.

Approved by the
August 19, 2014
Oil, Gas and Mining

Date: _____
By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A		DATE 8/19/2014



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013524030000

API: 43013524030000

Well Name: GMBU U-21-8-17

Location: 0676 FNL 1301 FWL QTR NWNW SEC 27 TWNP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 9/4/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mandie Crozier

Date: 8/19/2014

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GMBU U-21-8-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013524030000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0676 FNL 1301 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 27 Township: 08.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/4/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to extend the Application for Permit to Drill this well.

Approved by the
August 05, 2015
Oil, Gas and Mining

Date: _____
By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 8/4/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013524030000

API: 43013524030000

Well Name: GMBU U-21-8-17

Location: 0676 FNL 1301 FWL QTR NWNW SEC 27 TWNP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 9/4/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mandie Crozier

Date: 8/4/2015

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 14 2016

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

BLM Vernal UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU76241
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
UTU87538X
8. Well Name and No.
GMBU U-21-8-17
9. API Well No.
43-013-52403
10. Field and Pool, or Exploratory
MONUMENT BUTTE
11. County or Parish, and State
DUCHESNE COUNTY, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
NEWFIELD PRODUCTION COMPANY
Contact: MANDIE CROZIER
E-Mail: MCROZIER@NEWFIELD.COM
- 3a. Address
ROUTE 3 BOX 3630
MYTON, UT 84052
- 3b. Phone No. (include area code)
Ph: 435-646-4825
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 27 T8S R17E Mer SLB NWNW 676FNL 1301FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A PD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield requests to extend the Application for Permit to Drill this well.
The APD was originally approved on 1/24/14.

APD - 1/24/14

NEPA - 2014-046 EA

RECEIVED

MAR 01 2016

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

VERNAL FIELD OFFICE	
ENG.	REP 2/1/16
GEOL.	
E.S.	
PET.	
RECL.	

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #328614 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 01/15/2016 ()

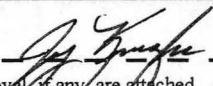
Name (Printed/Typed) MANDIE CROZIER

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 01/14/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Assistant Field Manager Lands & Mineral Resources	FEB 19 2016
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	VERNAL FIELD OFFICE Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UDOGM

CONDITIONS OF APPROVAL

Newfield Exploration Company

Notice of Intent APD Extension

Lease: UTU-76241
Well: GMBU U-21-8-17
Location: NWNW Sec 27-T8S-R17E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 01/24/2018.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
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2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013524030000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
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11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/4/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to extend the Application for Permit to Drill this well.

Approved by the
August 15, 2016
Oil, Gas and Mining

Date: _____
By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 8/12/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013524030000

API: 43013524030000

Well Name: GMBU U-21-8-17

Location: 0676 FNL 1301 FWL QTR NWNW SEC 27 TWNP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 9/4/2013

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- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mandie Crozier

Date: 8/12/2016

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY